

ABSTRACT

A wireless biopotential sensor includes an adhesive strip having a lower surface for placement against the skin of a patient and an upper surface. A pair of conductive electrodes are applied to the lower surface of the adhesive strip. A sensor substrate is applied to the upper surface. The sensor substrate includes first and second conductive contact pads that are placed in registry with the pair of conductive electrodes, with the contact pads arranged in electrical contact with the conductive electrodes. An electronics module is applied to the sensor substrate and arranged in electrical contact with the contact pads. The electronics module comprises a power supply and electronics for generating a wireless signal containing biopotential signals detected by the pair of conductive electrodes.